

ELIS Incident Report

Part A: General Information

Incident #

B000631-001

County

Incident Dates through

Year

State

Total # Affected

Case #

Country

Total Magnitude

Region

Source

Weather Conditions

Environ. Residue Data?

Incident Type

- ☒ Terrest. Animals ☐ Terrest. Plants ☐ Field Study
☐ Aquatic Animals ☐ Aquatic Plants

Date Entered

Date Updated

ABSTRACT

A hunter found a dead wild turkey in an orchard that had been treated for pine voles. Analysis of the crop contents found 440 ppm of zinc phosphide.

Pesticide(s):

ELIS Incident Report

Part B: Pesticide Information

Incident #: B000631-001

Pesticide Name	P.C. Code	Product	Formulation	Pesticide Type
Zinc phosphide	088601			R
Treatment Site	Legality of Use	Method of Application	Air/Gnd	Application Rate
N/R	Undetermined			
Certainty Index	Certainty Discussion			
Highly probable	Zinc phoshide poisoning was confirmed by residues measured in the crop contents.			

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Part C: Species Information

Incident #: B000631-001

Common Name

Response

Species Name

Number Affected

Taxon

Magnitude Description

Age

Habitat

Exposure: Type

Distance from Treatment

Necropsies: Number

Carcass Condition

Cholinesterase: Activity (um/g/min) to

Percent of Normal to

Analyzed

Chemical Residue Analysis?

EHIS Incident Report

Residues in Biotic Samples

Incident # B000631-001

<u>Species Name</u>	<u>Sample Type</u>	<u>PC Code</u>	<u>Chemical</u>	<u>Conc. (ppm)</u>	<u>N</u>	<u>Range (ppm)</u>
Wild turkey	Crop contents	088601	Zinc phosphide	440	1	-

088602 088601

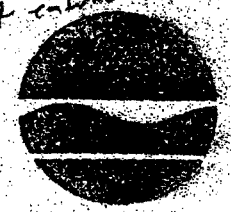
2189

B000631-001

Only crop --
Not enclosed

New York State Department of Environmental Conservation
Wildlife Resources Center, Delmar, NY 12054-9767

32-19



Henry G. Williams
Commissioner

Personal privacy information

December 22, 1983

[Redacted address]

Hudson, NY 12534

Dear [Redacted name]:

I have done the necropsy on the wild turkey you submitted from Columbia County. I believe the cause of death is Zinc Phosphide poisoning.

A test for Zinc phosphide has been ordered from our chemist at the Hale Creek Field Station. I will let you know when I have the confirming chemistry. Unfortunately, our chemistry is very slow.

Sincerely yours,

Ward Stone
Associate Wildlife Pathologist

WS/pap

cc: J. Glidden
S. Free

AUTOPSY REPORT *file*

82-15-39 (5/79) Formerly DFG-343

Personal privacy information

file

Ward Stone
Samuel J. Jackling
Zinc Phosphide Analysis

December 20, 1983

The crop contents of a wild turkey, Lab #1244-83-H (Tag #32-15),
was analyzed for Zinc Phosphide.

The concentration was: 0.044% Zn Phosphide = ~~440 ppm~~ 44,000 ppm

The method of analysis was: Zn Phosphide EPA-1, USEPA Manual of
Chemical Methods for Pesticides and Devices.

Confirmatory analysis was done by Zn Phosphide EPA-2.

SJJ:dh
cc: L. Skinner/R. Sloan

Samuel J. Jackling
Associate Analytical Chemist
Hale Creek Field Station

.00.04400

4400 ppm or mg/kg

Ward Stone
Samuel J. Jackling
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Hale Creek Field Station

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